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# Model Number: SMART550USB

## Smart USB 550VA Tower Line-Interactive 120V UPS with USB port

### Highlights

- 550VA tower 120V line interactive UPS
- Corrects brownouts as low as 89V without using battery power
- 3 UPS battery supported outlets, 3 surge-only outlets
- USB port, TEL/DSL/ethernet protection
- NEMA 5-15P input plug and 6 NEMA 5-15R outlets

### Description

Tripp Lite's SMART550USB line interactive UPS system offers voltage regulation, surge suppression and long lasting battery support for personal computers, internetworking equipment and other sensitive electronics. Internal UPS circuits support entry level PC systems for up to 30 minutes during power failures so that connected equipment can be shutdown without data loss. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 89 volts back to usable levels without using battery power. Offers complete desktop power protection in an attractive stealth black tower configuration. Includes 3 battery supported outlets for computer, monitor and one vital system peripheral, plus 3 additional surge suppression-only outlets for printers and other system accessories not requiring battery support. USB port enables optional unattended system shutdown without data loss in the case of extended power failure, USB cable included. PowerAlert software available via free download from www.tripplite.com. Built-in single line RJ11 phone suppression jacks protect modem, fax machine, cordless phone or other peripheral with a standard dialup/DSL phone connection. Built-in audible alarm and 4 front panel LEDs indicate line power status, battery power status, battery low/replace status and overload status. 550VA/300 watt power handling ability supports entry-level PCs, network workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater systems. Offers 4.6 minutes battery runtime with a full load of 550VA/300 watts and 14.8 minutes with a half load of 275VA/150 watts. Supports battery replacement via built-in access panel. $200,000 connected equipment insurance (USA and Canada Only).

### Package Includes

- SMART550USB UPS System
- USB and Telephone interconnection cables
- Instruction manual with warranty information

### Features

- SMART550USB line interactive UPS system offers voltage regulation and battery support, plus complete AC and dialup/DSL modem line surge suppression
- Supports entry level PC systems for up to 30 minutes during power failures to enable a safe system shutdown
- Supports a max load of 550VA/300 watts for 4.6 minutes and a half load of 275VA/150 watts for 14.8 minutes
- Automatic Voltage Regulation (AVR) circuits correct brownouts as low as 89 volts without using battery power
- Attractive stealth black tower configuration
- Includes 3 battery supported outlets, plus 3 additional surge suppression-only outlets, 6 foot AC line cord (all NEMA 5-15)
- USB port enables unattended shutdown without data loss during extended power failures, includes USB cable
- PowerAlert software available via free download from www.tripplite.com
- Built-in RJ11 phone suppression jacks protect modem, fax machine or other peripheral with a dialup or DSL line phone connection
- Built-in audible alarm and 4 front panel LEDs indicate UPS system and line power status
- 550VA/300 watt power handling ability supports a variety of computer, internetworking, telecom and consumer electronics equipment
- Supports battery replacement via built-in access panel
- Compatible with 120V/60Hz applications for USA, Canada, Mexico and more
- $200,000 connected equipment insurance (USA and Canada Only)

## Specifications

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|---|---|
| **OUTPUT** | |
| **Output Volt Amp Capacity (VA)** | 550 |
| **Output Watt Capacity (watts)** | 300 |
| **Nominal Output Voltage(s) Supported** | 115V; 120V |
| **Frequency compatibility** | 60 Hz |
| **Output voltage regulation (Battery mode)** | 115V (+/- 5%) |
| **Built-in UPS output receptacles** | 6 5-15R outlet(s) |
| **Surge suppression only outlets** | 3 UPS outlets, 3 surge-only outlets |
| **Output AC waveform (AC mode)** | Sine wave |
| **Output AC waveform (battery mode)** | PWM sine wave |
| **INPUT** | |
| **Rated input current (at maximum load)** | 10A |
| **Nominal Input Voltage(s) Supported** | 120V AC |
| **UPS input connection type** | 5-15P |
| **UPS Input cord length (ft.)** | 6 |
| **UPS Input cord length (m)** | 1.8 |
| **Recommended Electrical Service** | 15A 120V |
| **Phase** | Single-Phase |
| **BATTERY** | |
| **Full load runtime (minutes)** | 4.6 min. (300w) |
| **Half load runtime (minutes)** | 14.8 min. (150w) |
| **DC system voltage (VDC)** | 12 |
| **Battery recharge rate (included batteries)** | Less than 4.2 hours from 10% to 90% |
| **Replacement battery cartridge (internal UPS battery replacement)** | RBC51 |
| **Battery Access** | Battery access door |
| **Battery replacement description** | Hot-swappable, user replaceable batteries |
| **VOLTAGE REGULATION** | |

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|---|---|
| **Voltage regulation description** | Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 89 |
| **Undervoltage correction** | Input voltages between 89 and 104 are boosted by 14% |
| **LEDS ALARMS & SWITCHES** | |
| **LED Indicators** | 4 LEDs indicate line power, battery power, overload and battery low/replace status |
| **Alarms** | Audible alarm indicates power-failure and low-battery conditions |
| **Alarm cancel operation** | Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status |
| **Switches** | 2 Switches control off/on power status and alarm-cancel/self-test operation |
| **SURGE / NOISE SUPPRESSION** | |
| **UPS AC suppression joule rating** | 480 |
| **UPS AC suppression response time** | Instantaneous |
| **UPS Dataline suppression** | 1 line TEL/DSL (1 in / 1 out) |
| **EMI / RFI AC noise suppression** | Yes |
| **PHYSICAL** | |
| **Installation form factors supported with included accessories** | Tower |
| **Installation form factors supported with optional accessories** | Wallmount (UPSWM - tower mounting kit) |
| **Primary form factor** | Tower |
| **UPS / Power Module dimensions in primary form factor (height x width x depth / inches)** | 8.5 x 5 x 6.5 |
| **UPS / Power Module dimensions in primary form factor (height x width x depth / cm)** | 21.6 x 12.7 x 16.5 |
| **UPS / Power Module weight (lbs)** | 14.4 |
| **UPS / Power Module weight (kg)** | 6.5 |
| **UPS Shipping dimensions (height x width x depth / inches)** | 12 x 8.2 x 9.2 |
| **UPS Shipping dimensions (height x width x depth / cm)** | 30.5 x 21 x 23.5 |
| **Shipping weight (lbs)** | 16 |
| **Shipping weight (kg)** | 7.3 |
| **UPS housing material** | PVC |
| **ENVIRONMENTAL** | |

| | |
|---|---|
| **Operating Temperature Range** | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius |
| **Storage Temperature Range** | +5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius |
| **Relative Humidity** | 0 to 95%, non-condensing |
| **AC mode BTU / hr. (full load)** | 65.1 |
| **Battery mode BTU / hr. (full load)** | 358.4 |
| **AC mode efficiency rating (100% load)** | 94% |
| **COMMUNICATIONS** | |
| **Communications interface** | USB (HID enabled) |
| **PowerAlert software** | Free download from www.tripplite.com |
| **Communications cable** | USB interface cable included |
| **WatchDog compatibility** | Supports Watchdog application, OS and hard-reboot restart options for remote applications |
| **LINE / BATTERY TRANSFER** | |
| **Transfer time** | 2-4 milliseconds |
| **Low voltage transfer to battery power (setpoint)** | 89 |
| **High voltage transfer to battery power (setpoint)** | 139 |
| **SPECIAL FEATURES** | |
| **Cold Start (startup in battery mode during a power failure)** | Cold-start operation supported |
| **High availability UPS features** | Hot swappable batteries |
| **CERTIFICATIONS** | |
| **UPS Certifications** | Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI) |
| **WARRANTY** | |
| **Product Warranty Period (U.S. & Canada)** | 3-year limited warranty |
| **Product Warranty Period (Latin America)** | 3-year limited warranty |
| **Product Warranty Period (International)** | 2-year limited warranty |
| **Product Warranty Period (Mexico)** | 3-year limited warranty |
| **Connected Equipment Insurance (U.S., Canada & Puerto Rico)** | $200,000 Ultimate Lifetime Insurance |

## Related Items

**Optional Products**

| Related Model | Description | Qty. |
|---|---|---|
| DCATV | Network Surge Suppressor - Essential protection for TV/VCR coaxial lines | 1 |
| DNET1 | Network Surge Suppressor - Essential protection for data and communication lines | 1 |
| DTEL2 | Network Surge Suppressor - Essential protection for data and communication lines | 1 |
| UPSWM | Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap) | 1 |
| U022-010 | 10-ft. USB2.0 A/B Gold Device Cable<br>(A Male to B Male) | 1 |
| WATCHDOGSW | WatchDog Service Monitoring / Reboot Software | 1 |
| WEXT5-500-1500 | 5-Year Extended Warranty - For Smart Line-Interactive and Online Tower or Rack models, 1500VA or less | 1 |

More information, including related products, owner's manuals, and additional technical specifications, can be found online at http://www.tripplite.com/sku/SMART550USB.

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